

**PROPOSAL AND SPECIFICATIONS
FOR
AGGREGATES**

QUANTITY, DELIVERY & SPECIFICATIONS

1. Bids will be received for Aggregate delivered to stockpiles at each of the County Road Department Yards listed in the Price Schedule.

The bid prices are to remain firm through October 31, 2018.

The deliveries shall begin one week after receipt of purchase order. The entire amount ordered shall be delivered by May 1, 2018

The quantities in the Price Schedule are estimated quantities only and may be changed with no change in the per ton price.

2. The material shall conform to Specifications as shown below, or as listed in the current Specifications of Indiana D.O.T. and Michigan D.O.T.

AGGREGATE SIEVE ANALYSIS (MTM 109 TOTAL PERCENT PASSING (2))

	1 1/2 in	1 in	3/4 in	1/2 in	3/8 in	No. 4	No. 8	No. 30	Loss by wash No. 200
No. 5 Slag Ind.	100	85-98	60-85	30-60	15-45	0-15	0-10		0-2
No. 9 Slag Ind.			100	60-85	30-60	0-15			0-2
No. 11 Slag Ind.				100	75-95	10-30			0-2
No. 73 Slag Ind.		100	90-100	60-90		35-60		12-30	5-10
No. 12 Slag Ind.				100	95-100	50-80	0-35	0-4	0-2
Mich. 26A Limestone			100	95-100	60-90	5-30	0-12		0-2
Mich. 25A Native			100	95-100	60-90	5-30	0-12		0-2
Mich. 34 CS				100	90-100	0-10	0-5		0-2

(2) Based upon dry weights. Use test method MTM 108 for loss by washing.

3. Successful bidder shall, upon award of bid, furnish the Berrien County Road Department with a sample of Material to be furnished. The sample will be tested to confirm that the material meets the applicable specifications.

SPECIFICATIONS

FINE AGGREGATES - TRAP ROCK AND ALTERNATIVES

INTRODUCTION

The Berrien County Road Department (BCRD) invites qualified bidders to submit proposals to furnish and deliver FINE AGGREGATES within Berrien County.

The bid prices are to remain firm through October 31, 2018.

REQUIREMENTS

Specifications describe the furnishing and delivery of FINE AGGREGATES.

Material must meet the parameters of the gradation chart listed in the specifications.

BCRD will be testing delivered material randomly to ensure material meets described specifications. Material not meeting BCRD specification will be rejected at no expense to BCRD.

The deliveries shall begin one week after receipt of purchase order. The entire amount ordered shall be delivered by May 1, 2018.

The quantities in the Price Schedule are estimated quantities only and may be changed with no change in the per ton price.

FINE AGGREGATE SPECIFICATION FOR BITUMINOUS SEAL COAT- MODIFIED

Gradation and Quality

Provide fine aggregate for bituminous seal coat meeting the following gradation requirements:

Berrien County Road Department Fine Aggregate for Bituminous Seal Coat, % Passing by Weight						
Sieve Size	FA-1	FA-2	FA-2½	FA-3	FA-3½	Job Mix Formula Tolerance %
½ in [12.5 mm]	100	100	100	100	100	—
¾ in [9.5 mm]	100	100	100	100	90 – 100	± 5
¼ in [6.3 mm]	100	100	0 – 80	0 – 70	0 – 70	± 7
No. 4 [4.75mm]	0 – 100	0 – 100	0 – 50	0 – 25	0 – 25	± 7
No. 8 [2.36 mm]	—	0 – 40	0 – 12	0 – 5	0 – 5	± 4
No. 16 [1.18 mm]	0 – 30	0 – 10	0 – 5	—	—	± 4
No. 50 [300 µm]	0 – 15	0 – 5	—	—	—	± 4
No. 100 [150 µm]	0 – 5	—	—	—	—	± 4
No. 200 [75 µm]	0.0 – 1.2	0.0 – 1.2	0.0 – 1.2	0.0 – 1.2	0.0 – 1.2	—

Provide fine aggregate for bituminous seal coat meeting the following quality test requirements:

Fine Aggregate Durability for Bituminous Seal Coat Meeting the Requirements of AASHTO T96 as Modified by the Berrien County Road Department					
Material Tests	FA-1	FA-2	FA-2½	FA-3	FA-3½
Soft Particles, %	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5
Flakiness index, % *	—	≤ 25	≤ 25	≤ 25	≤ 25
One Face Crush. %	≥ 80	≥ 85	≥ 85	≥ 85	≥ 85

4. BID REQUIREMENTS

The price per ton includes all material, freight, loading and hauling. The Bidder further agrees to deliver during Road Commission regular working hours from Monday thru Friday (7:00 A.M. – 3:30 P.M.).

5. STAMPED OR METERED TICKETS

All material supplied to the Berrien County Road Department, where quantities invoiced are based on measures of weight (tonnage, etc.) or volume (liters), the suppliers **SHALL** supply **STAMPED** or **METERED TICKETS** to verify quantities delivered.

6. Aggregate **SHALL NOT** be delivered during snow storm.

SPECIAL NOTE: THE BERRIEN COUNTY ROAD DEPARTMENT
WILL CHECK LOAD TICKETS UPON
DELIVERY OF COMMODITIES. THE ROAD
DEPARTMENT **WILL NOT PAY** FOR ANY MATERIAL
ABOVE A LEGAL LOAD.

BERRIEN COUNTY ROAD DEPARTMENT

PRICE SCHEDULE

WATERVLIET	EST. QTY	UNIT PRICE	TOTAL PRICE
Ind. No. 11 BF Slag	3200 Ton		
Ind. No. 9 BF Slag	600 Ton		
Septic Slag	300 Ton		

BENTON HARBOR			
Ind. No. 11 BF Slag	2100 Ton		
Ind. No. 9 BF Slag	500 Ton		
Septic Slag	300 Ton		
Trap Rock FA-3 1/2	1000 Ton		
EAU CLAIRE			
Ind. No. 11 BF Slag	4200 Ton		
Ind. No. 9 BF Slag	1000 Ton		
Septic Slag	300 Ton		
Trap Rock FA-3 1/2	800 Ton		

BERRIEN COUNTY ROAD DEPARTMENT

PRICE SCHEDULE

THREE OAKS	EST. QTY	UNIT PRICE	TOTAL PRICE
Ind. No. 11 BF Slag	1700 Ton		
Ind. No. 9 BF Slag	1000 Ton		
Septic Slag	300 Ton		
BAKERTOWN			
Ind. No. 11 BF Slag	2300 Ton		
Ind. No. 9 BF Slag	1400 Ton		
Septic Slag	300 Ton		
Trap Rock FA-3 1/2	500 Ton		
BARODA			
Ind. No. 11 BF Slag	3800 Ton		
Ind. No. 9 BF Slag	700 Ton		
Septic Slag	300 Ton		
Trap Rock FA-3 1/2	500 Ton		

BERRIEN COUNTY ROAD DEPARTMENT

BF – BLAST FURNACE SLAG

It is understood and agreed that this proposal is submitted with the understanding that an award of purchase will be made on the basis of the bid on the specific material required at each location. Quantity discounts for an award for materials in more than one delivery point shall be noted as remarks.

Please provide the following for the materials that will be furnished.

Septic Slag	Wt. Per Cubic Yard:	_____ Pounds
Ind. No. 11 BF Slag	Wt. Per Cubic Yard:	_____ Pounds
Ind. No. 9 BF Slag	Wt. Per Cubic Yard:	_____ Pounds
Trap Rock FA- 3 1/2	Wt. Per Cubic Yard:	_____ Pounds

The Berrien County Road Department reserves the right to accept or reject any and all proposals, to waive defects in a proposal and to award the purchase in any manner deemed to be in the best interest of Berrien County.

SUPPLIER

NAME _____

STREET ADDRESS _____

CITY AND STATE _____

NAME AND ADDRESS OF BIDDER

NAME _____

STREET ADDRESS _____

CITY AND STATE _____

BID SUBMITTED BY _____

(Signature)

TELEPHONE _____

DATE _____

DELIVERY _____ DAYS

TERMS: _____

REMARKS: _____

TITLE VI CONTRACT REQUIREMENTS

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor shall comply with the Regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation, Title 49, code of Federal Regulations, Part 21 as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulation, including employment practices when the contractor covers a program set forth in Appendix B of the Regulations.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor’s obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the **BERRIEN COUNTY ROAD DEPARTMENT** to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the State highway department, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
5. **Sanctions for Non-compliance:** In the event of the contractor’s non-compliance with the non-discrimination provisions of this contract, the **BERRIEN COUNTY ROAD DEPARTMENT** shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

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- (a) Withholding of payments to the contractor under the contract until the contractor complies, and/or
- (b) Cancellation, termination or suspension of the contract, in whole or in part.

6. Incorporation of Provisions: The contractor shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the **BERRIEN COUNTY ROAD DEPARTMENT** may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the **BERRIEN COUNTY ROAD DEPARTMENT** to enter into such litigation to protect the interests of the County, and, in addition, the contractor may request the State highway department to enter into such litigation to protect the interests of the State and/or the United States to enter into such litigation to protect the interests of the United States.